STATE OF NEW YORK DEPARTMENT OF PUBLIC SERVICE

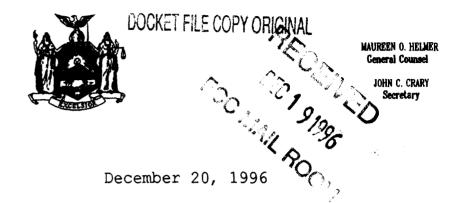
THREE EMPIRE STATE PLAZA, ALBANY, NY 12223-1350

Internet Address: http://www.dps.state.ny.us

PUBLIC SERVICE COMMISSION

JOHN F. O'MARA Chairman EUGENE W. ZELTMANN Deputy Chairman

HAROLD A. JERRY, JR. THOMAS J. DUNLEAVY



Hon. William F. Caton Acting Secretary Federal Communications Commission 1919 M Street, NW Washington, D.C. 20554

Re: In the Matter of Federal-State Joint Board

on Universal Service - CC Docket No. 96-45

Dear Secretary Caton:

Enclosed are an original and eleven copies of the comments of the New York State Department of Public Service in the above-referenced proceeding.

Respectfully submitted,

Mary E. Burgess Assistant Counsel

FCC:avy:96-45.ltr

No. of Copies rec'd

Before the FEDERAL COMMUNICATIONS COMMISSION Washington, D.C. 20554

In the Matter of

Federal-State Joint Board on Universal Service

OMMISSION 0554 CC Docket No. 9695

COMMENTS OF
THE NEW YORK STATE
DEPARTMENT OF PUBLIC SERVICE
ON THE RECOMMENDED DECISION OF
THE FEDERAL-STATE JOINT BOARD ON
UNIVERSAL SERVICE

INTRODUCTION AND SUMMARY

The New York State Department of Public Service (NYDPS) hereby submits its comments on the Recommended Decision of the Federal-State Joint Board on Universal Service (Joint Board) released by the Commission on November 8, 1996.

On November 7, 1996, the Federal Communications

Commission (FCC or Commission) adopted the Recommended Decision

(RD) of the Federal-State Joint Board on Universal Service. In accordance with the Telecommunications Act of 1996 (the Act), the Joint Board made numerous recommendations for universal service according to the principles enumerated by Congress in \$254(b) of the Act.

The NYDPS applauds the efforts of the Joint Board for its timely release of the RD. Specifically, the Joint Board recommends that federal universal service support for schools,

libraries, and rural health care providers be funded by interstate telecommunications carriers based on the revenues derived from the provision of both intrastate and interstate services (para. 817). The Joint Board further suggests that federal high cost and low income programs might be funded, in part, by assessing intrastate revenues, but recommends that the Commission seek further comment on this issue (para. 822).

We recommend the Commission carefully evaluate the scope of the Joint Board's proposals inasmuch as Congress did not intend that the federal program be funded by revenues generated from the provision of intrastate telecommunications. For all the reasons below, the plain language of \$254 and its legislative history do not support the Joint Board's proposal that the Commission fund the federal program from intrastate revenues. Therefore, \$152(b)(1) of the 1934 Act prohibits the Commission's authority "for or in connection with intrastate communication service". Moreover, \$152(b)(2) specifically prohibits the Commission's jurisdiction over the intrastate revenues of carriers that provide interstate access.

Furthermore, if the Commission intends to adopt a new high cost support mechanism as part of its efforts to advance universal service, it should allow interested parties a meaningful opportunity to comment on a specific, fully developed proposal. In lieu of adopting the Joint Board's proposed high cost funding mechanism, the Commission should adopt a simple interim universal service mechanism to meet the time frame

required under the Act and continue the Joint Board process to devise a permanent mechanism. Moreover, before deciding whether to increase the level of federal Lifeline assistance, the Commission should work with the states to develop additional information on whether expanding the program, as proposed, will increase subscribership.

Finally, the NYDPS believes Congress intended the states to play a significant role in achieving the goal of connecting schools and libraries to information age tools that can advance learning and public access to information. We believe that any requirement which mandates that states adopt the federal discount matrix as a condition of eligibility for federal support would improperly limit the states' flexibility to design intrastate discount programs appropriate to conditions in each state.

I. Section 254 of the Act Does Not Authorize the Commission to Use Intrastate Revenues to Fund Federal Universal Service Support Mechanisms

A. The Plain Language of Section 254

In its Recommended Decision, the Joint Board proposes that universal service support mechanisms for schools and libraries and rural health care providers be funded by assessing both the intrastate and interstate revenues of providers of interstate telecommunications services (para. 817). However, the plain language of the 1996 Act does not authorize the Commission to use intrastate revenues to fund the federal program.

In the Act, Congress identified a number of principles to guide the Joint Board and the Commission in developing universal service policies. One of the principles explicitly directs the Commission, in developing federal universal policy, to take into account that states would have an independent and primary role in developing state specific universal service policies. Section 254(b)(5) states that "there should be specific, predictable, and sufficient federal and state mechanisms to preserve and advance universal service." Moreover, the universal service provisions specify the authority of both the Commission and the states. Section 254(d) provides that "[e] very telecommunications carrier that provides interstate telecommunications services shall contribute, on an equitable and nondiscriminatory basis, to the specific, predictable, and sufficient mechanisms established by the Commission to preserve and advance universal service" (emphasis added).1 Thus, the statute does not explicitly authorize the Commission to use intrastate revenues to fund an interstate plan.

Moreover, under the Joint Board's interpretation of \$254, virtually all providers of telecommunications services would be required to pay into the interstate fund. All local exchange carriers provide interstate access and under the Joint

¹ Parallel state programs are expressly authorized in \$254(f), which provides that states may require "every telecommunications carrier that provides <u>intrastate</u> telecommunications services...[to] contribute...in a manner determined by the State to the preservation and advancement of universal service in that State."

Board proposal, their revenues from intrastate services would be used to fund the federal program.¹ If Congress had intended that intrastate revenues of all carriers be used, there would have been no reason to use the word "interstate" in identifying those services subject to the federal fund. It simply would have directed that "every telecommunications carrier that provides telecommunications services shall contribute...." Therefore, the Joint Board's interpretation of the provision would render an entire clause ("that provides interstate service") nugatory. This reading violates the fundamental rule of statutory construction that a statute must be read in a manner that assigns meaning to each word, and renders no words superfluous, (Fox-Knapp, Inc. v. Employers Mut. Cas. Co., 725 F.Supp 706 (1989)), and must be rejected.²

B. Legislative History of Section 254

The legislative history of the Act also indicates that, irrespective of whether a carrier provided interstate service, Congress did not intend to base the assessment of the Federal Universal Service fund on revenues produced through intrastate service. The Conference Report that accompanies the Act

¹ The Joint Board concludes that "access (including SLCs), alternative access, and special access" all constitute "interstate telecommunications" (para. 785).

² Between \$152(b)(1), which bars the FCC's jurisdiction of intrastate services of all carriers, and \$152(b)(2), which severely limits the FCC's jurisdiction over "connecting carriers" (intrastate companies that provide only interstate access) Congress has never considered access alone to be an interstate service, as discussed below in Section II.

indicates that the Senate version of the universal service bill was adopted with modifications. The Senate Report on S. 652 expressly states that "the Senate intends that States shall continue to have the primary role in implementing universal service for intrastate services..."

Moreover, Congress' intent to preserve parallel authority is further articulated in the Senate Report stating "[t]his new section is intended to make explicit the current implicit authority of the FCC and the States to require common carriers to provide universal service." Congress chose to address intrastate carriers' contributions in the context of intrastate universal service established at the states' discretion.

Furthermore, the specific language in the Senate bill expanding the scope of the contributors did not survive the Conference. The Senate bill specifically stated that "every telecommunications carrier engaged in intrastate, interstate, or foreign communication shall contribute..." (S.652 §253(c)). However, the final version of the Act reads "every telecommunications carrier that provides interstate telecommunications services shall contribute..." (§254(d)). Thus, the modification in the final legislation indicates a more narrow reading of the Commission's authority than is proposed by the Joint Board.

¹ Conference Report on S. 652 at 128.

 $^{^{2}}$ Senate Report on S. 652 (Report No. 104-230 at 25).

C. <u>Implied Preemption</u>

Section 601 specifically provides that the Act and the amendments made by the Act shall not be construed "to modify, impair or supersede federal, state, or local law unless expressly provided...." Not only does the plain language of Act dictate against preemption, but the Joint Board also acknowledges that \$254 does not identify the specific revenue base to be used for assessing universal service fund contribution (para. 820). Therefore, \$601 of the Act prohibits implied preemption of state jurisdiction.

II. Section 152(b) Prohibits the Commission for Using Intrastate Revenues to Support the Federal Mechanism

Since \$254 does not explicitly mandate the use of intrastate revenues for all the reasons above, the Commission would be acting outside the scope of its authority if it were to include intrastate revenues in the federal universal service assessment. Section 152(b) of the Communications Act of 1934 gives the FCC no jurisdiction over intrastate revenues. Section 152(b)(1) of the Communications act reserves to the states authority over "...charges, classifications, practices, services, facilities, or regulations for or in connection with intrastate communication service...." As demonstrated in Louisiana v. FCC, \$152(b) does not simply forbid the FCC to establish specific rates for certain intrastate services; it denies the FCC jurisdiction over a broad range of matters associated with intrastate communications and services (476 U.S. 356, 373). Accordingly, the FCC's use of intrastate revenues to fund the

federal program violates \$152(b)(1)'s express prohibition.

Second, \$152(b)(2) specifically limits the Commission's jurisdiction over companies that provide only intrastate services and interstate access. Connecting carriers (the carriers described in \$152(b)(2)) simply facilitate the interstate or foreign communications of other licensed carriers. GTE Services

Corp. v. FCC, 474 F.2d 724,736 (1973). The only jurisdiction given to the FCC over connecting carriers is that contained in \$\$201-205 (relating to interconnection).

Under \$\$201-05, the FCC can order connecting carriers to provide access to interstate carriers. North Carolina

Utilities Commission v. FCC, 537 F.2d 287 (4th Cir. 1976), cert. denied, 429 U.S. 1027 (1976) (hereinafter "NCUC I"); NCUC II;

Lincoln Telephone and Telegraph Company v. FCC, 659 F.2d 1082 (D.C. Cir. 1981). It can set the rates that connecting carriers charge interexchange carriers for access to the local exchange. And it can take steps to insure that those rates are not discriminatory. What it does not have the authority to do, however, is to order a connecting carrier to pay a portion of its intrastate revenues into a federal fund. Yet, that is precisely what the Joint Board seeks to do here.

III. If the Commission Intends to Adopt a High Cost Mechanism Based on the Joint Board's Proposal, It Should Issue a Complete and Specific Proposal for Comment Before Making a Final Determination in this Proceeding

NYDPS recognizes the complex task and difficult timeframe faced by the Joint Board and appreciates having had the opportunity to be directly involved in its deliberations through

participation on the Joint Board staff. Nevertheless, we believe the RD lacks sufficient specificity for interested parties to offer comprehensive, meaningful comments. The RD leaves a number of fundamental questions unanswered. This lack of information impedes parties' ability to evaluate and comment on how the Commission should fulfill Congress' mandate.

Although the Act states "(t)here should be specific. predictable and sufficient Federal and State mechanisms to preserve and advance universal service, "1 the RD does not specifically discuss and define what portion of cost recovery will be deemed universal service support, what the federal role in ensuring that support should be under the Act, what level of support would be "sufficient," or what specific mechanism(s), particularly with respect to rural, insular and high cost support, should be employed. Consequently, parties cannot address whether, for example, the broadly described "proxy cost minus benchmark revenues" high cost funding mechanism constitutes sound policy and meets the statutory requirements. Furthermore, the RD leaves unresolved how, or even whether, 2 carriers should be allowed to recover any universal service support obligation they might be assessed by any mechanism ultimately adopted. ratepayers and shareholders have significant interest in knowing how and by whom universal service will be paid for, but are

¹ Section 254(b)(5).

² The RD suggests there is a "statutory requirement that carriers, not consumers, finance support mechanisms" (para. 812).

precluded from commenting meaningfully in the absence of a specific cost recovery proposal.

The RD suggests that the Joint Board staff further refine the Board's proposals and that the state members of the Board may communicate their views to the Commission (para. 269). However, this process is inadequate. Given that these further efforts to specify the support mechanism(s) may implicate all existing rate structures, as well as shareholder interests, all parties should be afforded a reasonable opportunity to comment thereon. We urge the Commission to issue a complete and specific proposal for sufficient public comment prior to its adoption.

IV. The Commission Should Not Adopt the Proposed "Proxy Cost Minus Revenue Benchmark" Method For High Cost Funding at This Time

Congress directed that there be explicit and sufficient federal and state funding mechanisms to ensure that consumers in rural, insular and high cost areas have access to telecommunications and information services "at rates that are reasonably comparable to rates charged for similar services in urban areas (\$254(b)(3)." To fulfill the Commission's share of this mandate, the Joint Board proposes eliminating, over a transitional period, three existing mechanisms it considers to constitute universal service support (USF, DEM weighting, and LTS). In their place, the Joint Board recommends establishing a "high cost" support mechanism based on the difference between an undetermined forward-looking proxy cost model and an undefined revenue benchmark (paras. 7, and 183-356). However, neither

variable (cost or revenue) in this equation is yet known, and the Joint Board has not explained what it considers the proper federal role in ensuring comparable rates. Therefore, it is impossible to determine at this juncture whether the resulting support would be <u>sufficient</u> to meet the Commission's obligations under the Act.

The issue of the proper role of the Commission in implementing the universal service requirements of \$254 is not addressed in the RD and yet implicitly defines the scope of most of the Board's recommendations. Those recommendations, taken together, suggest that the Joint Board believes Congress intended a greatly expanded federal role in preserving and advancing universal service. We disagree. We believe the Act's repeated references to the States' universal service responsibilities and authorities (see e.g., $\S\S254(b)(5)$, 254(f), 254(h)(1)(B), and 254(k)), in addition to the required Joint Board process itself, clearly reflect Congress' intent to retain the States' historically significant responsibility for universal service, as discussed above. Thus, with respect to high cost support, we believe Congress intended the Commission to continue to provide federal support for extremely high cost areas, not to be responsible for determining recovery of all universal service costs.

There is no indication in the Act that Congress considered existing federal support for "rural, insular and high cost areas" to be either too large or too small. Thus, there is

no explicit requirement for the Commission to provide more or less support to these areas than is currently provided by the three universal service mechanisms identified by the Joint Board. Nevertheless, the Joint Board recommends a new mechanism that appears to contemplate significant changes in federal universal service support to the target areas. Not only might this mechanism, when fully defined, produce significantly more or less support than is currently provided to the target areas, but the RD also suggests (para. 821) that some of this support might be recovered through assessments on intrastate revenues (which as a matter of law we do not believe it has the authority to do), raising the possibility that all interstate and intrastate rate designs might need to be adjusted to accommodate the new mechanism. There is no support for the position that Congress intended, or even contemplated, a wholesale restructuring of the nation's telephone rates in order to maintain comparable rates in rural (para. 356), insular and high cost areas. Because the proposed "proxy cost minus revenue benchmark" mechanism has not been shown to satisfy the Commission's obligations under the Act and may have far-reaching effects not intended by Congress, it should not be adopted at this time.

V. The Commission should Adopt a Simplified High Cost Funding Mechanism at this Time

While the Joint Board's high cost funding proposal has not been shown to satisfy the requirements of the Act and raises significant contentious issues, a far simpler alternative can be adopted now to satisfy the Commission's statutory obligations.

The Commission should quantify the support currently provided by the three universal service support sources identified by the Joint Board (USF, DEM, LTS). This total obligation could be allocated among <u>interstate</u> providers in proportion to their interstate revenues.¹ Funds could be disbursed to entities currently receiving support on a frozen per-line basis (as suggested by the Joint Board to accommodate the transition for rural carriers). Eligible carriers competing with these recipients would be eligible for matching per-line funding.

We do not suggest that this simplified proposal resolves all issues surrounding high cost support in a competitive market. It does, however, provide an acceptable interim mechanism to satisfy the Commission's statutory mandate before its May 1997 deadline and would provide the Commission additional time to develop a more thorough permanent mechanism through a continuing Joint Board process, as provided for in the Act.²

VI. Additional Information is Required to Determine Whether to Increase the Level of Federal Lifeline Support

The NYDPS supports the Joint Board's recommendations that (1) contributions to Lifeline and LinkUp and eligibility of carriers to receive support for these programs should be

¹ For entities that do not separate revenues jurisdictionally, a surrogate separation factor, based on the average percent of interstate revenues of entities that do separations, can be used to determine an interstate revenue estimate.

² Section 254(a)(2) directs the Commission to "complete any proceeding to implement <u>subsequent</u> recommendations from any Joint Board on universal service within one year..." (emphasis added).

competitively neutral (paras. 423-4); (2) and the level of Federal Lifeline contribution should be de-coupled from the Federal Subscriber Line Charge (SLC), to enable local carriers that do not charge SLCs to be eligible for Federal Lifeline support (para. 423).

The Joint Board also recommended changes in the distribution and amount of Federal Lifeline support. The result of this proposal would be to expand the availability of Federal Lifeline assistance to low-income customers in all states and to increase the amount of federal support from the current \$3.50 to a range of \$5.25-\$7.00, depending on whether or not a state chose to provide intrastate matching funds (para. 419).

It is unclear from the Recommended Decision how the Joint Board determined that expanding Lifeline assistance to low-income households is necessary at this time to ensure universal service. First, there is no analysis in the RD comparing subscription levels in non-participating and participating states to determine if statistically significant differences exist in subscription levels between the non-participating and participating states. It may be that states not participating in the Federal Lifeline program have chosen not to do so because there is no perceived need in those particular states.² Nor does

¹ Presently, the \$3.50 residential SLC is waived for Lifeline customers.

In fact, subscription levels in non-participating states tend to be quite high (e.g., Nebraska 97.1%, Iowa 96.4%, New Hampshire 96.2%, Delaware 96.2%). Industry Analysis Division, FCC, (continued...)

the RD discuss the role of other assistance programs which may be available to low income households in states electing not participate in the Federal Lifeline program. For example, of those states which do not participate in Lifeline, all participate in the LinkUp Program. Some may have other state programs to assist low-income customers. Similarly, for states participating in the Federal Lifeline program, it is not clear whether providing additional federal support will affect the number of lifeline customers that subscribe to and retain their telephone service.

What is clear is that the Joint Board's recommendation to expand the availability and level of Federal Lifeline assistance will increase the overall cost of the program significantly. Therefore, before making a determination to expand the level of Federal Lifeline assistance, the Commission, in concert with the states, should examine whether a relationship exists between expanding Lifeline assistance and the likelihood of increased subscription levels among low income customers.

^{2(...}continued)
Monitoring Report May 1996, CC Docket No. 87-339, at table 1-2 (1996).

CONCLUSION

The NYDPS applauds the Joint Board's efforts. For all of the reasons above, the Commission should make significant modifications to recommendations of the Board.

Respectfully submitted,

Maureen O.Helmer General Counsel New York State Department of Public Service

Three Empire State Plaza
Albany, New York 12223-1350

 $(518)^{2}474-2510$

Of Counsel:
Mary E. Burgess

Dated: December 20, 1996

Albany, New York

In the Matter of

Federal-State Joint Board on Universal Service

Comments of New York State Department of Public Service

CERTIFICATE OF SERVICE

I, Mary E. Burgess, hereby certify that an original and eleven copies of the comments of the New York State Department of Public Service on the Recommended Decision of the Federal-State Joint Board on Universal Service were sent via Airborne Express to Mr. Caton. Copies of the Universal Service were sent by First Class United States Mail, postage prepaid, to all parties on the attached service list.

> Assistant Counsel Office of General Counsel

NYS Department of Public Service Three Empire State Plaza Albany, New York 12223-1350

(518) 473-8123

Dated: December 20, 1996

Albany, New York

Gary M. Epstein
Tereas D. Baer
Michel S. Wroblewski
Latham & Watkins
Attorneys for Pacific Telecom Inc.
1001 Pennsylvania Avenue NW Suite 1300
Washington DC 20004

Brad E. Mutschelknaus
John J. Heitman
Jelley Drye & Warren
Attorneys for LCI
Internationl Telecom Corp.
1200 19th Street NW
Washington DC 20036

Gene Belardi
Vice President Mobile Media
Communications Inc.
2101 Wilson Boulevard Suite 935
Arlington VA 22201

David Pierce AACC One Dupone Circle NW Suite 410 Washington DC 20036

Ray Taylor ACCT 1740 N Street NW Washington DC 20036 Cheryl L. Parrino
PSC of Wisconsin
610 North Whitney Way
PO Box 7854
Madison WI 53707-3300

Michael C. Strand
Montana Independent
Telecommunications Systems, Inc.
519 N Sanders
PO Box 5237
Helena MT 59604-5237

Marc A. Stone Fred Williamson & Associates, Inc. 2921 East 91st Street Suite 200 Tulsa OK 74137-3300

Michael T. Skrivan Harris Skrivan & Associates, LLC 8801 S Yale Suite 220 Tulsa OK 74137 Emily Williams
ALTS
1200 19th Street NW
Washington DC 20036

Alison M. Hughes MPA University of Arizona Health Sciences Center 2501 East Elm Street Tucson AR 85716 Bruce D Jacobs
Jason S Roberts
Attorneys for Waverphore Inc.
Fisher Wayland Cooper Leader
& Zaragoza LLP
2001 Pennsylvania Avenue NW
Suite 400
Washington DC 20006

Brian R. Moir
Moir & Hardman
Attorney for International
Communications Association
2000 L Street NW
Suite 512
Washington DC 20036-4907

Martin A. Very Executive Director Navajo Nation Washington Office 1101 17th Street NW Suite 250 Washington DC 20036

Mary Dent Goldberg Godles Wiener & Wright Attorney for Apple Computer Inc. 1229 Nineteenth Street NW Washington DC 20036 Richard Civille Center for Civic Networking Inc. PO Box 53152 Washington DC 20008

Timothy R. Graham
Robert M. Berger
Joseph M. Sandri Jr.
Attorneys for Winstar Comm Inc
1146 19th Street NW
Washington DC 20036

James Rowe Alaska Telephone Association 4341 B Street Suite 304 Anchorage AK 99503

Dr. William J. Tobin
Early Childhood Development Center
Legislative Coalition
2612 Bent Branch Court
Falls Church VA 22041

Hon Albert Vann
NYS Assembly
Legislative Office Building #422
For the National Black Caucus of State
Legislators Telecommunications &
Energy Committee
Albany NY 12248

Virginia State Corporation Commission Division of Communications 1200 East Main Street - 9th Floor PO Box 1197 Richmond VA 23218

Nicholas P. Miller
William Malone
Matthew C. Ames
Miller Canfield Paddock & Stone PLC
Attorneys for the Joint Commenters
1225 19th Street NW Suite 400
Washington DC 20036-2420

Rodney L. Joyce
Edwin LaVergne
J. Thomas Nolan
Ginsburg Feldman & Bress Chartered
1250 Connecticut Avenue NW
Washington DC 20036

BB Knowles, Director Utilities Division Georgia Public Service Commission 244 Washington Street SW Atlanta GA 30334-5701

Joan Mandeville
General Manager
Montana Telephone Association
PO Box 2166
Great Falls MY 59403

Dennis L. Bybee PHD
Associate Executive Officer
International Society for Technology
in Education
USA National Office
PO Box 4437
Alexandria VA 22303

Deborah C. Costlow Treg Tremont Winston & Strawn 1400 L Street NW Washington DC 20005

Alabama PSC Mary E. Newmeyer PO Box 991 Montgomery AL 36101

Richard A. Muscat
Assistant Attorney General
Consumer Protection Division
Public Agency Representation Section
PO Box 12548 Capitol Station
Auston TX 78711-2548

Richard M. Tettelbaum Associate General Counsel Citizens Utilities Company Suite 500 1400 16th Street NW Washington DC 20036 Gene Dejordy Esq.
Christopher Johnson
Western Wireless Corporation
330 120th Avenue NE Suite 200
Bellevue WA 98005

Michael S. Fox
Director Regulatory Affairs
John Staurulakis Inc.
Telecommunications Consultants
6315 Seabrook Road
Seabrook MD 20706

Dr. Stanley Gardner
Missouri State Library
PO Box 387
Jefferson City MO 65102

Wayne A. Leighton James Gattuso Citizens For A Sound Economy Foundation 1250 H Street NW Suite 700 Washington DC 20005

Kevin Starr
State Librarian of California
Library Court Building
PO Box 942837
Sacramento CA 94237-0001

Robert C. Heterick Jr., President EDUCOM
1112 16th Street NW
Suite 600
Washington DC 20036

Richard Finnigan 2405 Evergreen Park Drive SW Suite B-1 Olympia WA 98502 California Library Association Mary Sue Ferrell Executive Director 717 K Street Suite 300 Sacramento CA 95814-3477

Ronald Dunn, President
Information Industry Association
1625 Massachusetts Avenue NW
Suite 700
Washington DC 20036

Roger Hailton
Rob Eachus
Joan H. Smith
Oregon Public Utility Commission
550 Capitol St NE
Salem OR 97310-1380

Robert Bocher
Technology Consultant
State of Wisconsin
Department of Public Instruction
PO Box 7841
Madison WI 53707-7841

Jeffrey F. Beck Jillisa Bronfman Beck & Ackerman Four Embarcadero Center Suite 760 San Francisco CA 94111

David A. Irwin
Irwin Campbell & Tannenwald PC
1730 Rhode Island Ave NW
Washington DC 20036

Lon Levin
VP and Regulatory Counsel
AMSC Subsidiary Corporation
10802 Park Ridge Boulevard
Reston VA 22091

J. Maurice Travilliam
Asst. State Superintendent for
Libraries
Division of Lirbary and Services
Maryland State Dept. of Education
200 W Baltimore Street
Baltimore MD 21201

Howard D. Polsky
Robert Mansbach
Attorneys for COMSAT Corp & COMSAT
International Communications
6560 Rock Spring Drive
Bethesda MD 20817

Kevin Taglang
Benton Foundation
1634 Eye Street NW
Washington DC 20006

US National Commission on Libraries and Information Science 1110 Vermont Avenue NW Suite 820 Washington DC 20005-3522

National Assoc of Development Organ 444 North Capitol Street NW Suite 630 Washington DC 20001

Mary Ellen Emmons, President The Alaska Library Assocation PO Box 81084 Fairbanks AK 99708 Rural Iowa Independent Telephone Assoc Lindoln Trail Libraries System Howard Hunt, President 1704 W Interstate Drive PO Box 10 Dixon IA 52745

Champaign IL 61821

Distance Delivery Consortium PO Box 2401 Bethel AK 99559

Legal Aid Society of Dayton Inc Ellis Jacobs Counsel for Edgemont Neighborhood Coalition 333 West First Street Suite 500 Dayton OH 45402-3031

Carolyn Purcell Executive Director Department of Information Resources PO Box 13564 . Austin TX 78711-3564

Pacific Telesis Group Randalle E Cape Lucille M Mates Nancy C Woolf 140 New Montgmoger Street Room 1523 San Francisco CA 94105

Margaret E Garber Attorney For Pacific Telesis Group 1275 Pennsylvania Avenue NW Washington DC 20004

Bob Rowe Commissioner Montana PSC 1701 Prospect Avenue PO Box 202601 Helena MT 59620-2601

Jeffrey L Sheldon Sean A Stokes 1140 Connecticut Avenue NW Suite 1140 Washington DC 20036

Bonnie Price 7027 Haverhill Park Road Whittier CA 90602

Richard Bulman Senior VP Member Services 2201 Cooperative Way Herndon VA 22071 Jay Sanders MD
President American Telemedicine Assoc
901 15th Street NW
Washington DC 20036

Veronica Ahern Nixon Hargrave Devans & Doyle LLP One Thomas Circle Suite 700 Frankfort KY 40602 Don Gilbert Cathy Hotka National Retail Federation 325 7th Street NW Suite 1000 Washington DC 20004

Maureen Scott
Assistant Counsel
Commonwealth of Pennsylvania
Pennsylvania Public Utility Commission
PO Box 3265
Harrisburg PA 17105-3265

The State of Alaska Robert Halperin Crowell & Moring 1001 Pennsylvania Avenue NW Washington DC 20004

Joseph P Markoski
James Fink
Squire Sanders & Dempsey
Attorneys for Information Technology
Assoc of America And The Electronic
Messaging Assoc
1201 Pennsylvania Avenue NW
PO Box 407
Washington DC 20044

Charles Kennedy Morrison & Foerster LLP Attorney for the Western Alliance 2000 Pennsylvania Avenue NW Suite 5500 Washington DC 20006

Richard Riley
US Secretary of Education
US Department of Education
600 Independent Ave SW
Washington DC 20202-0100

Henry Goldberg W Kenneth Ferree Goldberg Godles Wiener & Wright Attorneys for Optel Inc. 1229 19th Street NW Washington DC 20036